

Dystrophin minigene constructs

Human dystrophin coding sequence 11058bp



Δ4173



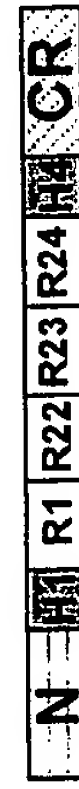
Δ3990



Δ3849



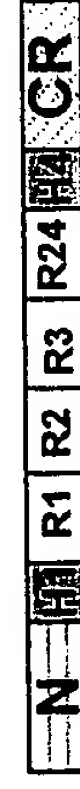
Δ3531



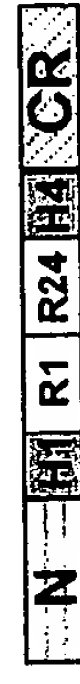
Δ3510



Δ3447



Δ2796



DysM3 (3700bp)

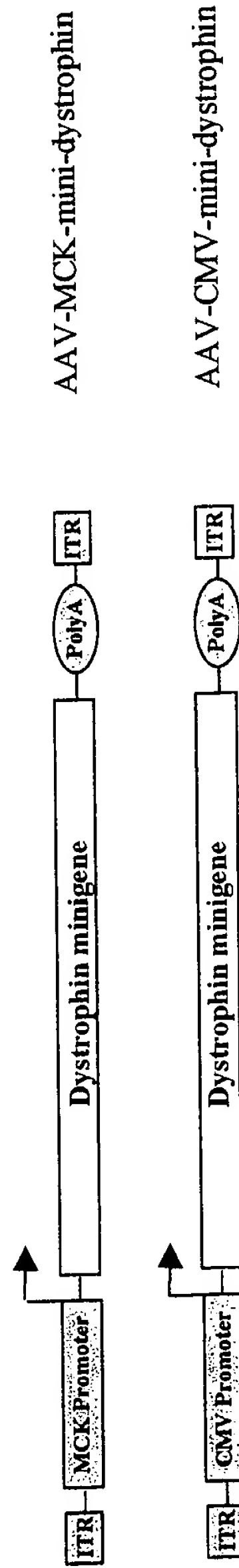


FIG. 1

FIG. 2A

mdx+Δ3849

mdx+Δ3990

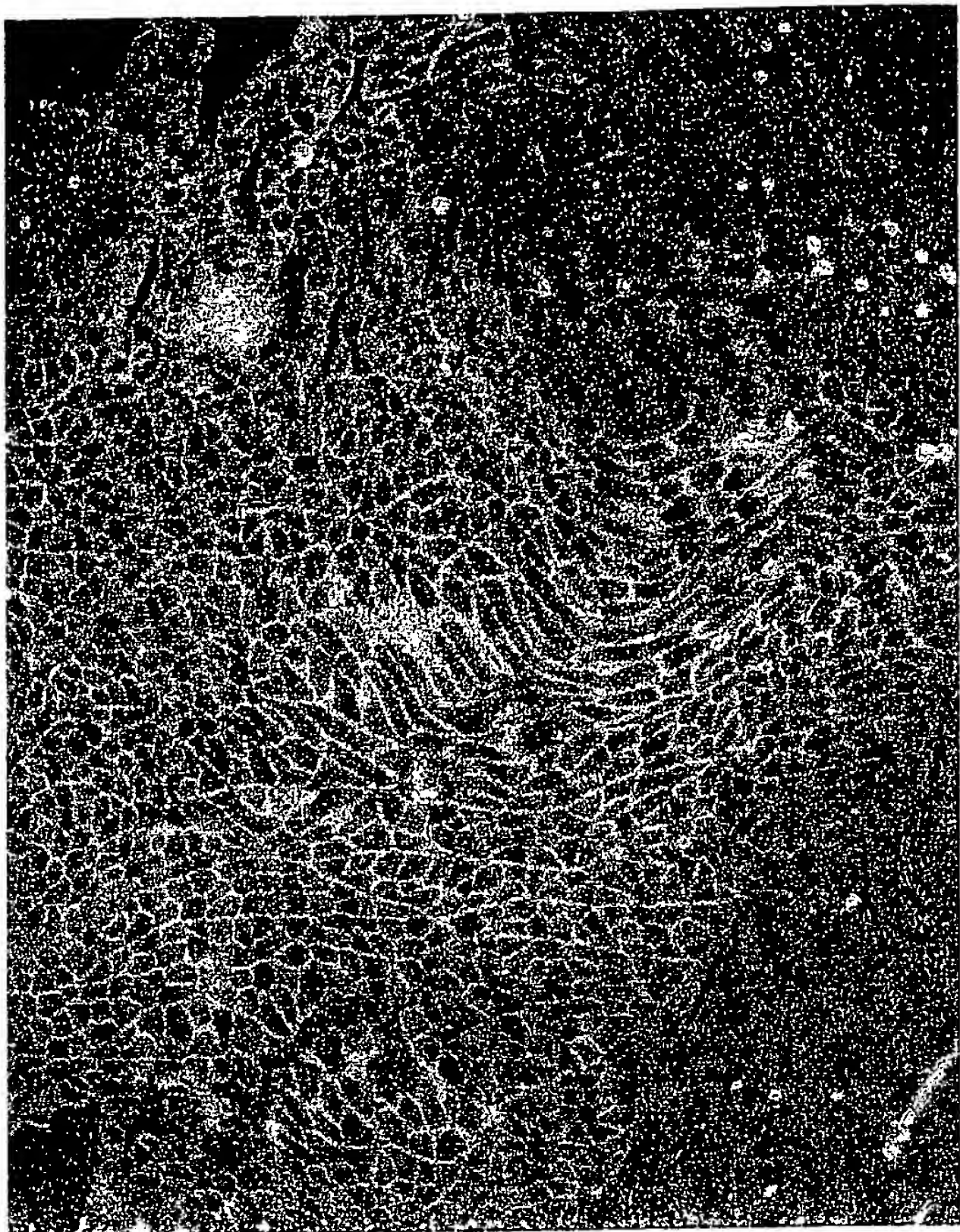
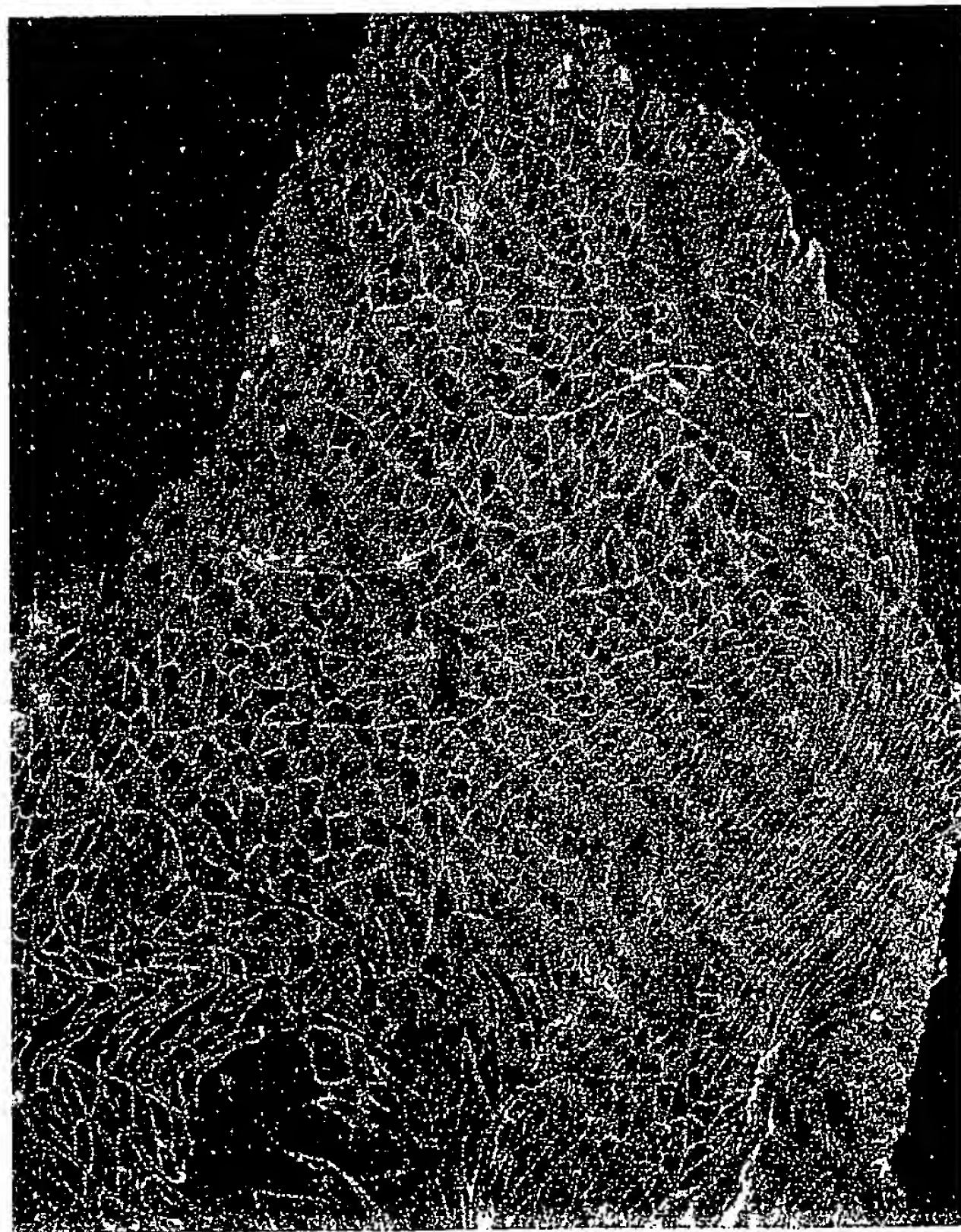


FIG. 2B

C57/B10

mdx+Δ3849

mdx+Δ3990

mdx+Δ4173

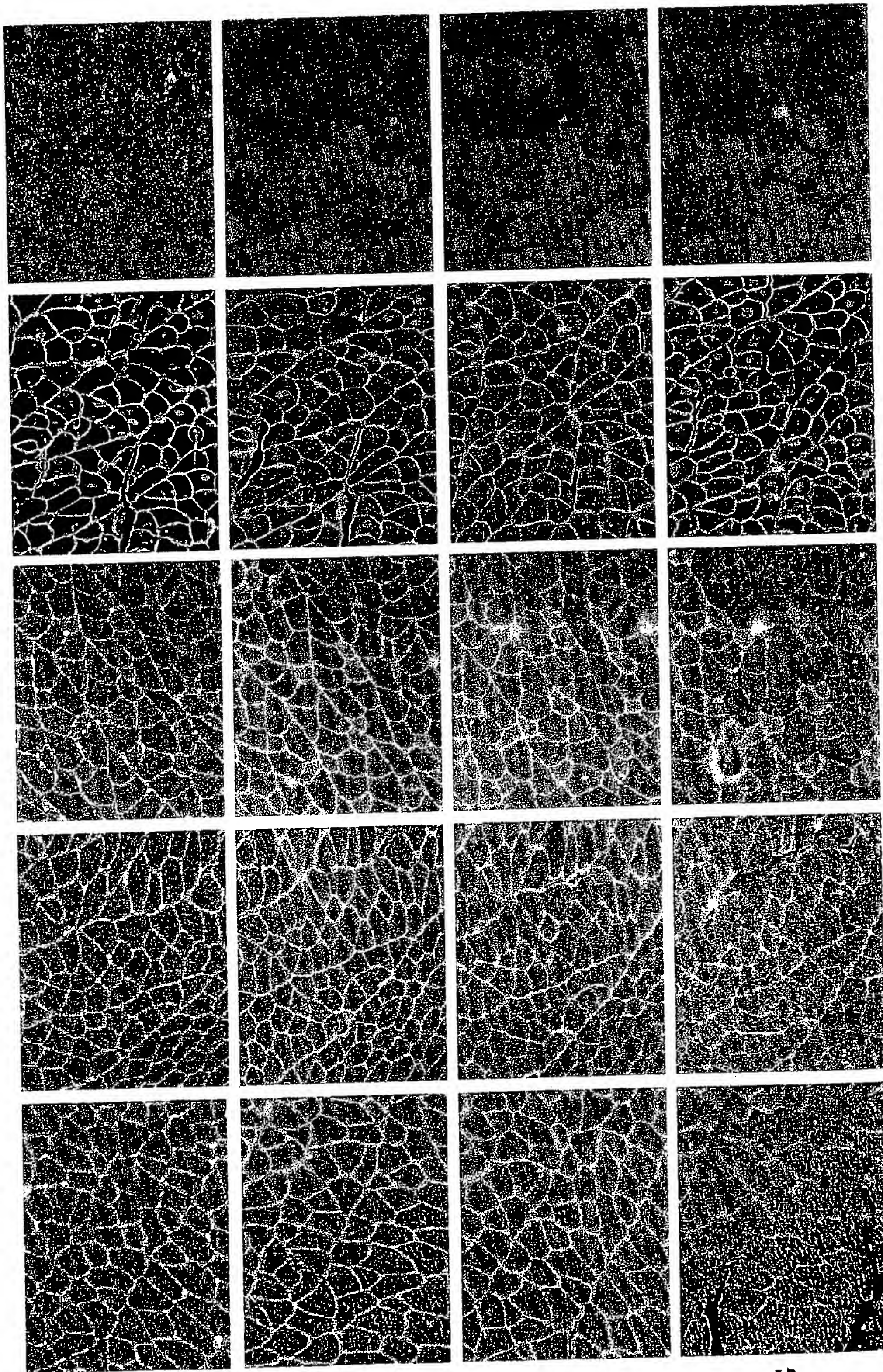
mdx

DYS
+
API

γ-SG

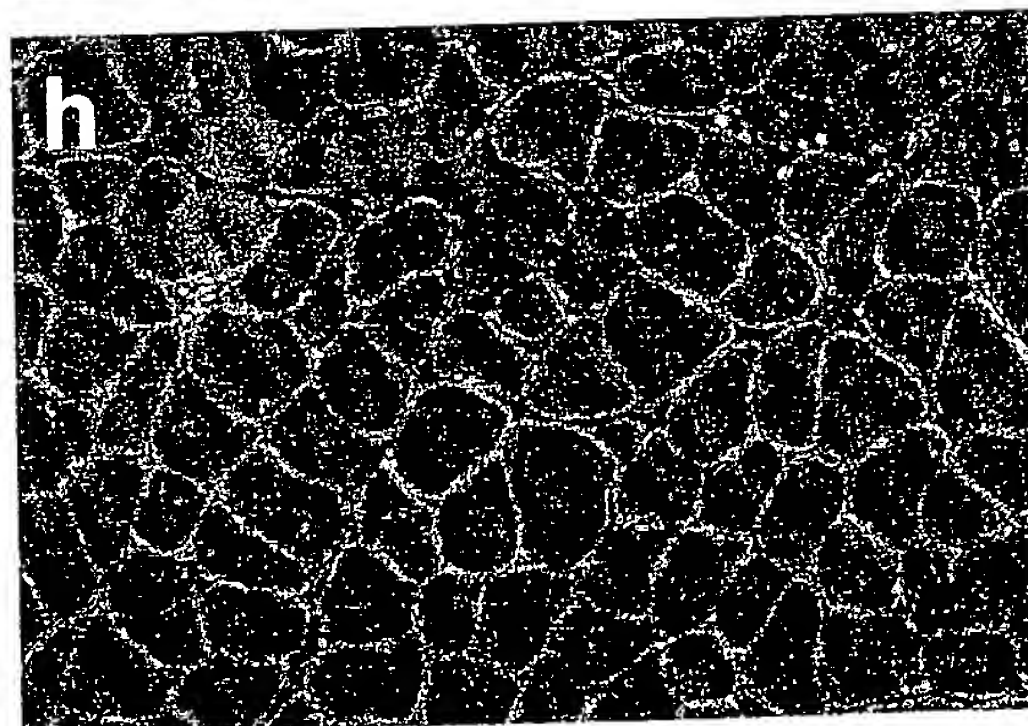
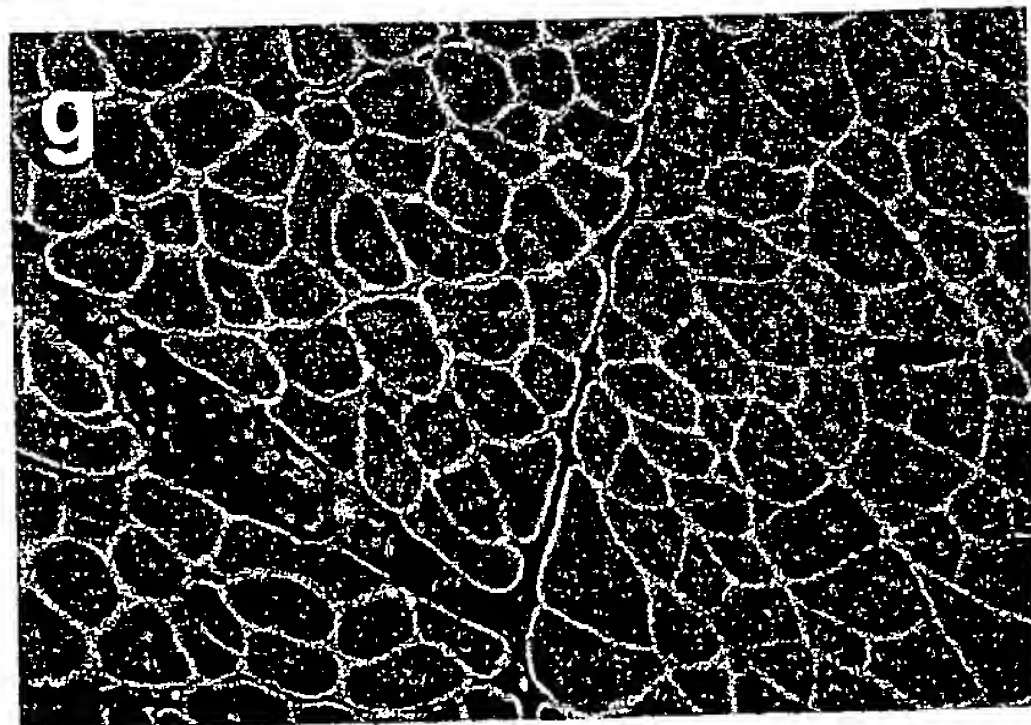
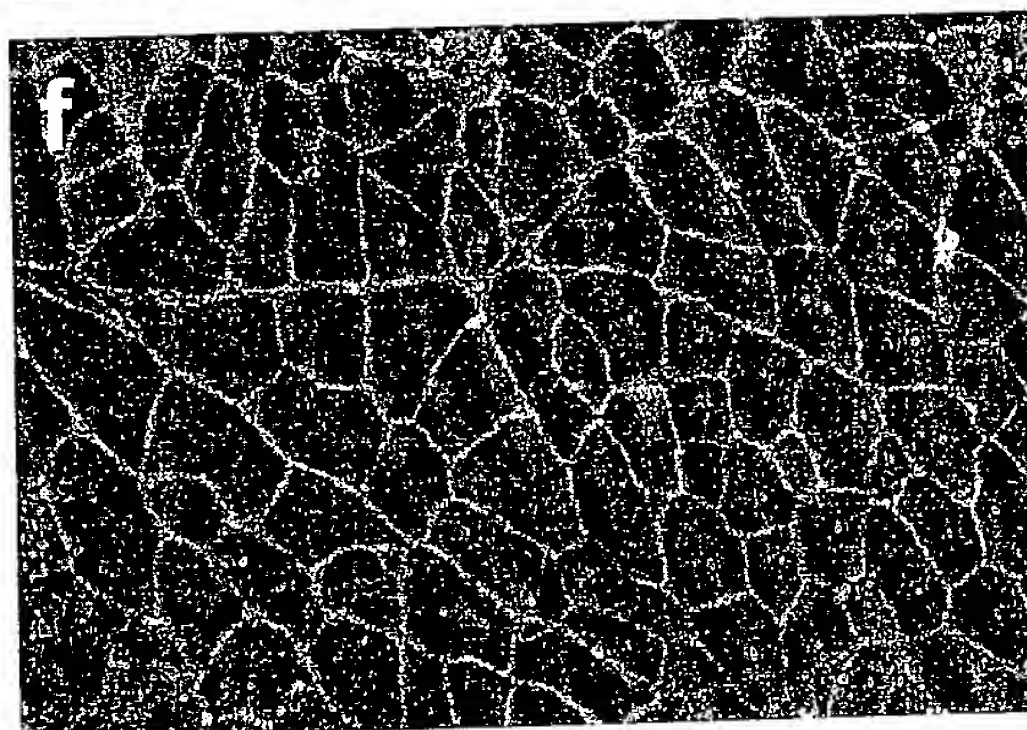
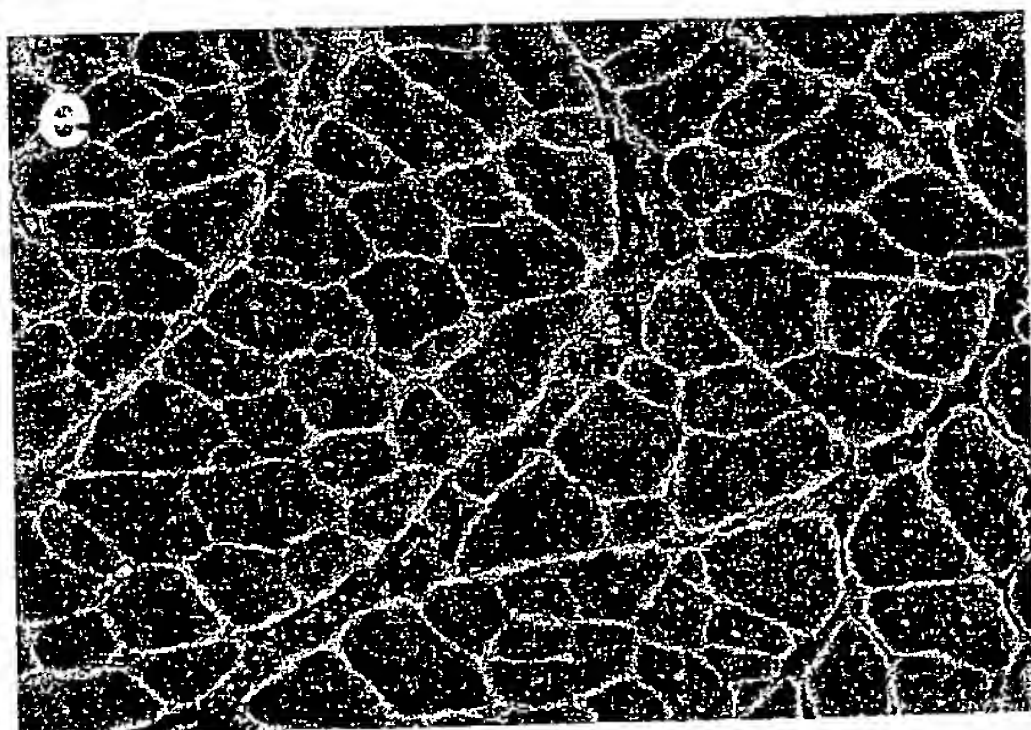
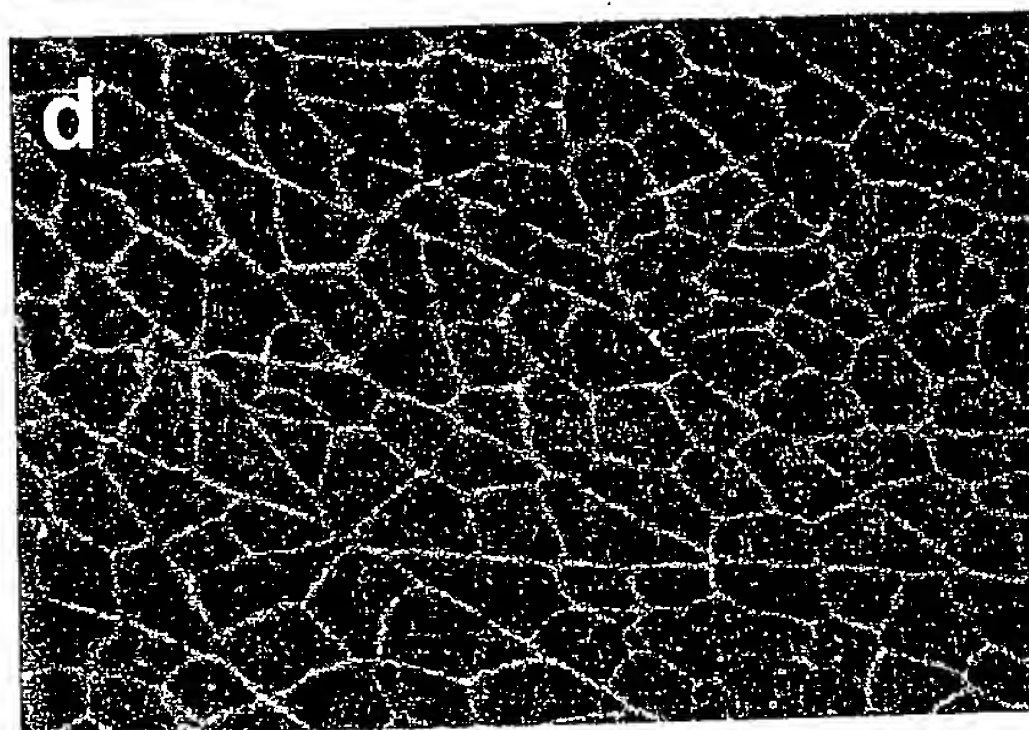
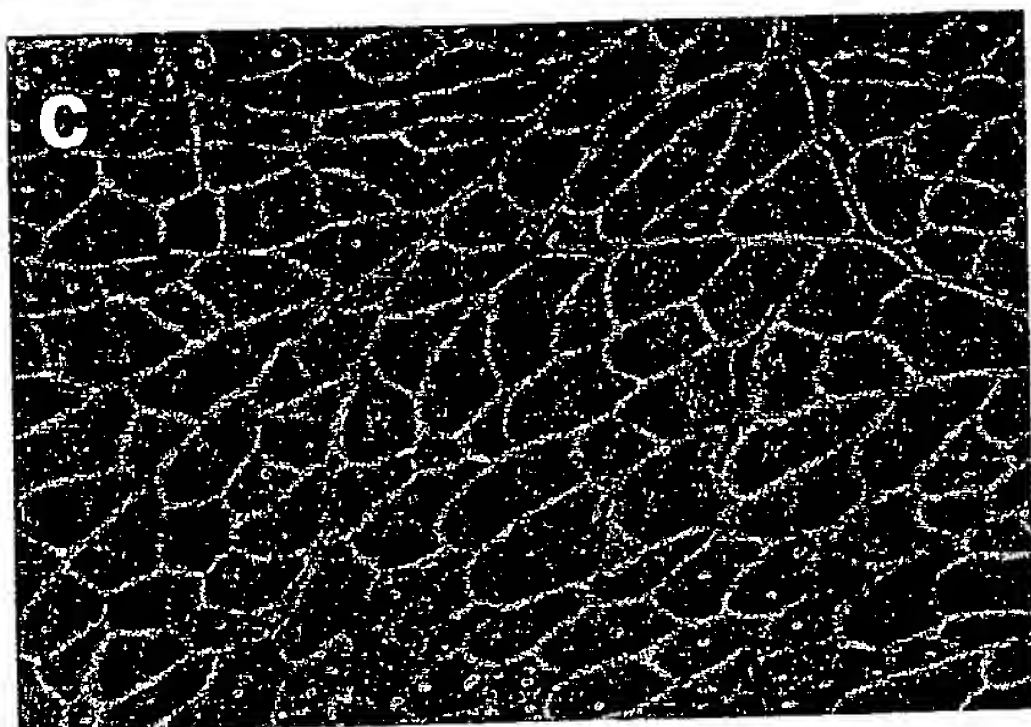
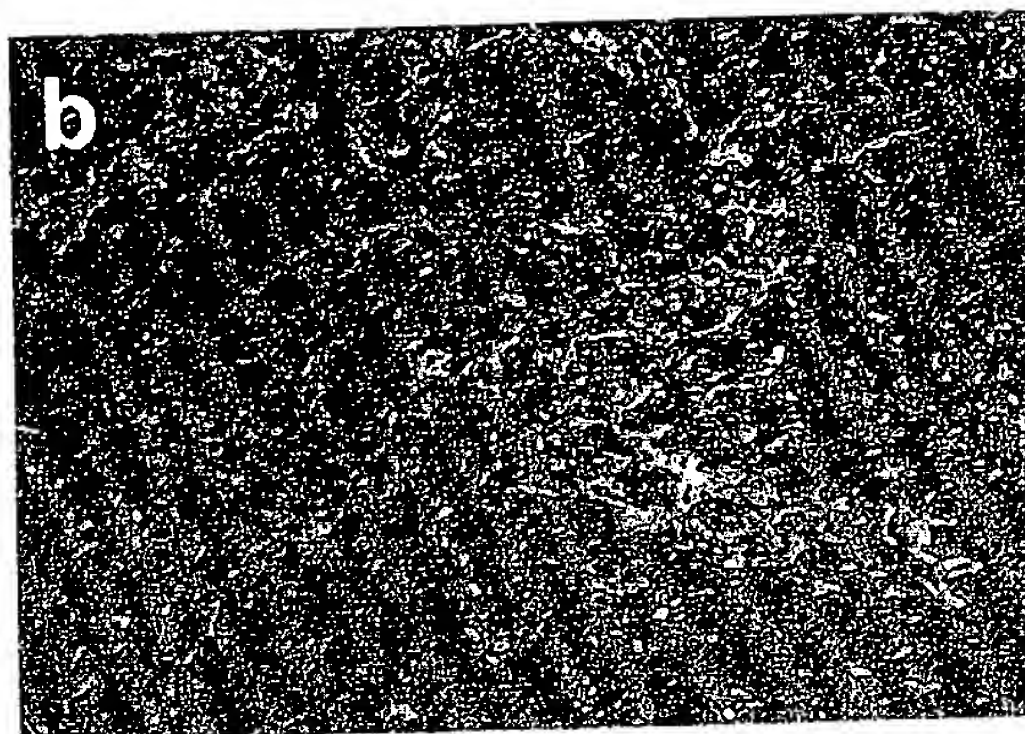
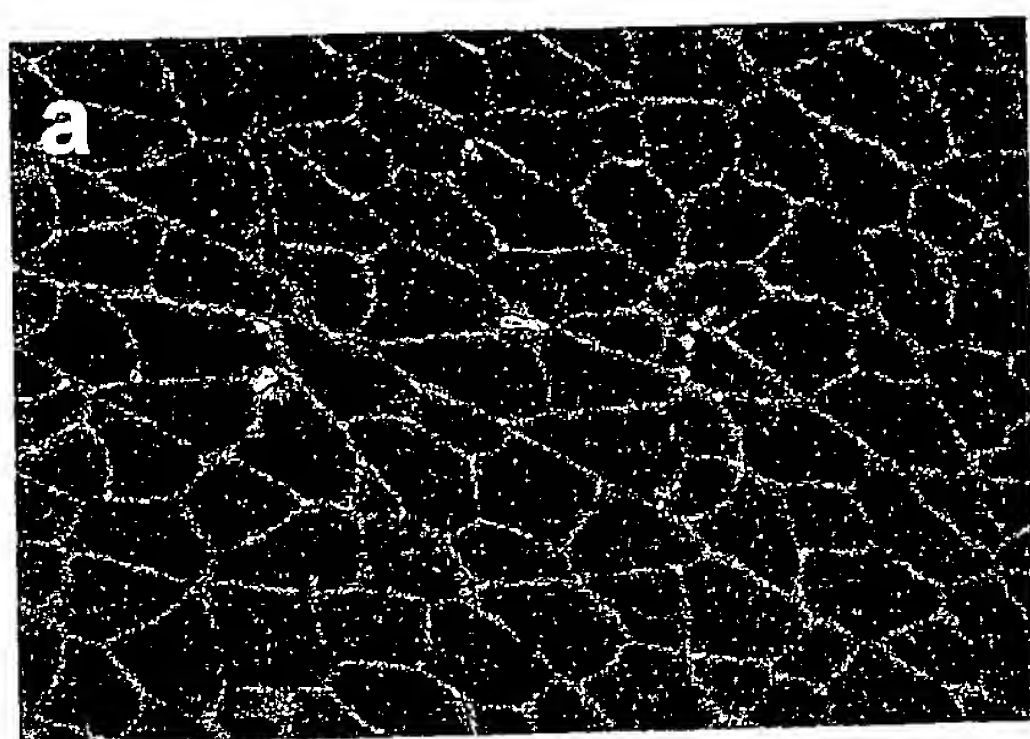
β-SG

γ-SG



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FIG.3



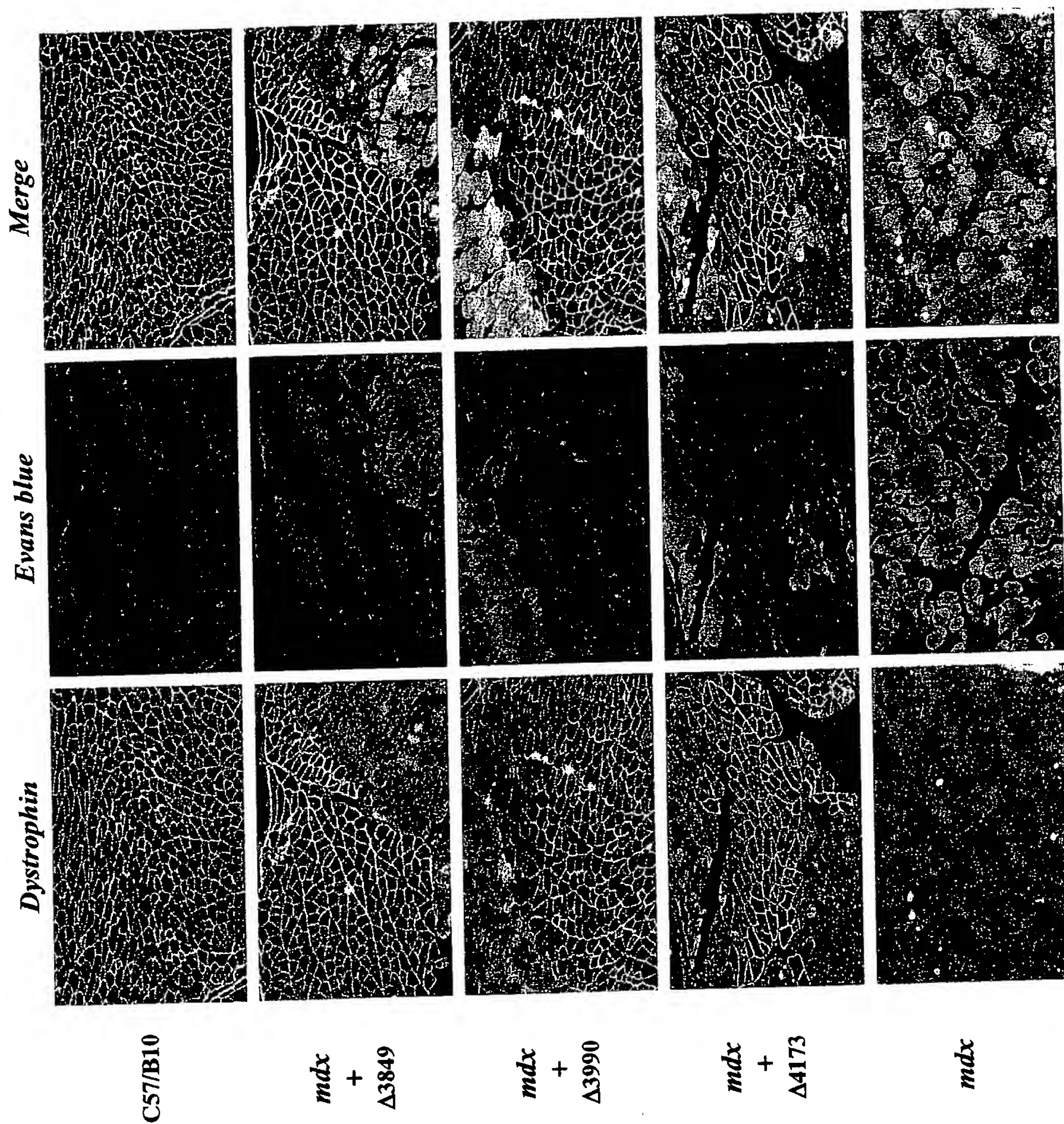
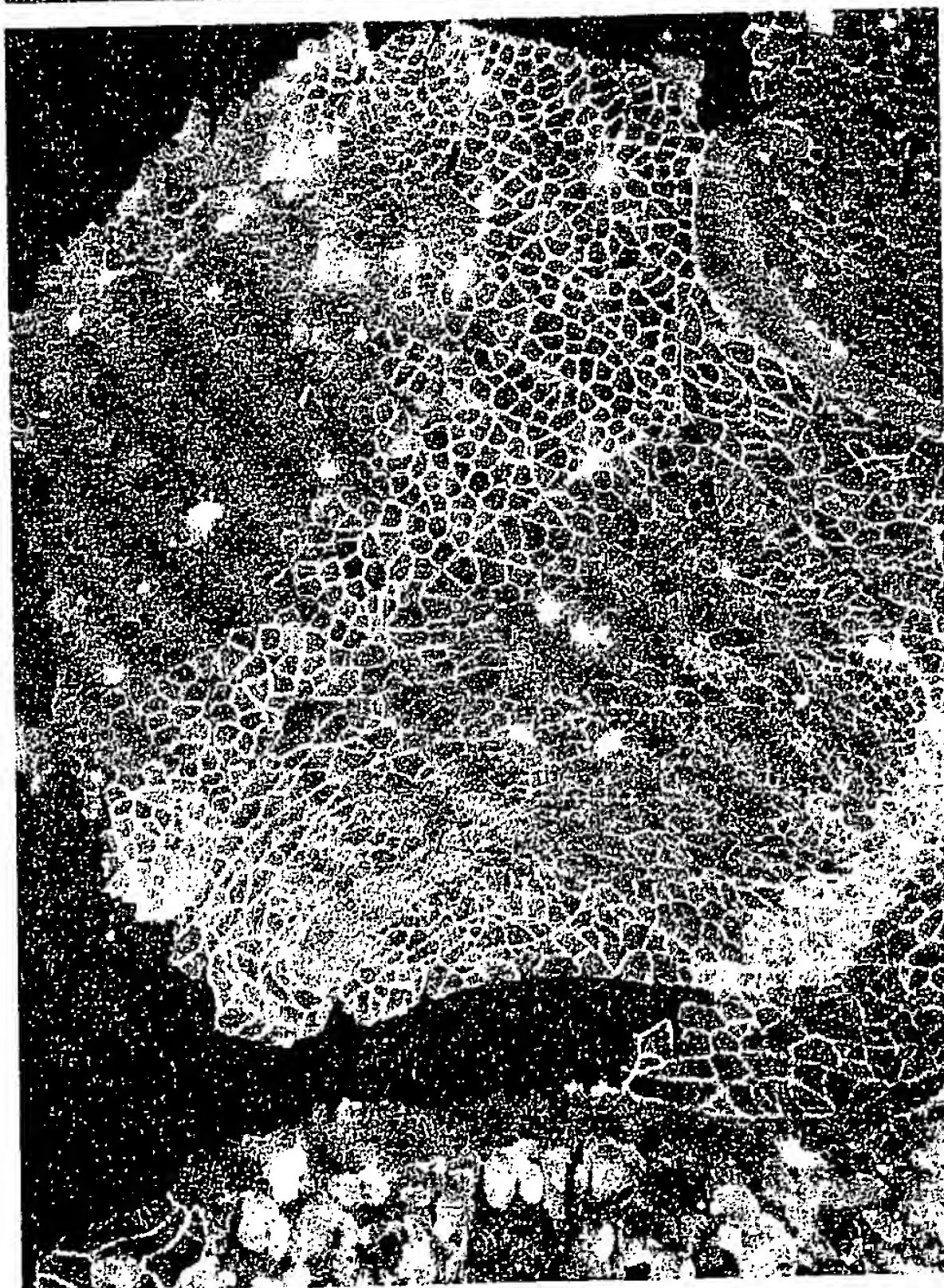
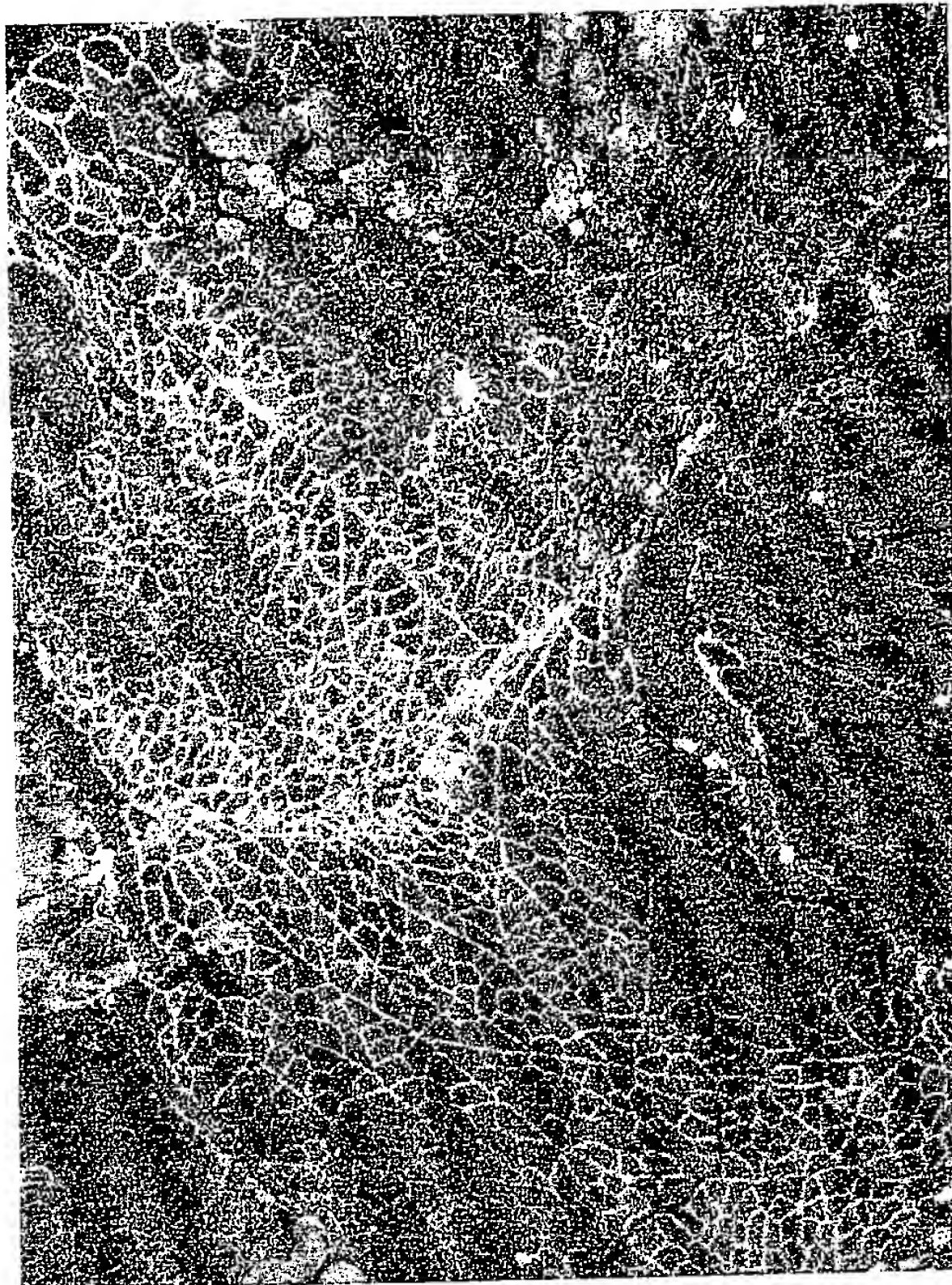


FIG. 4A

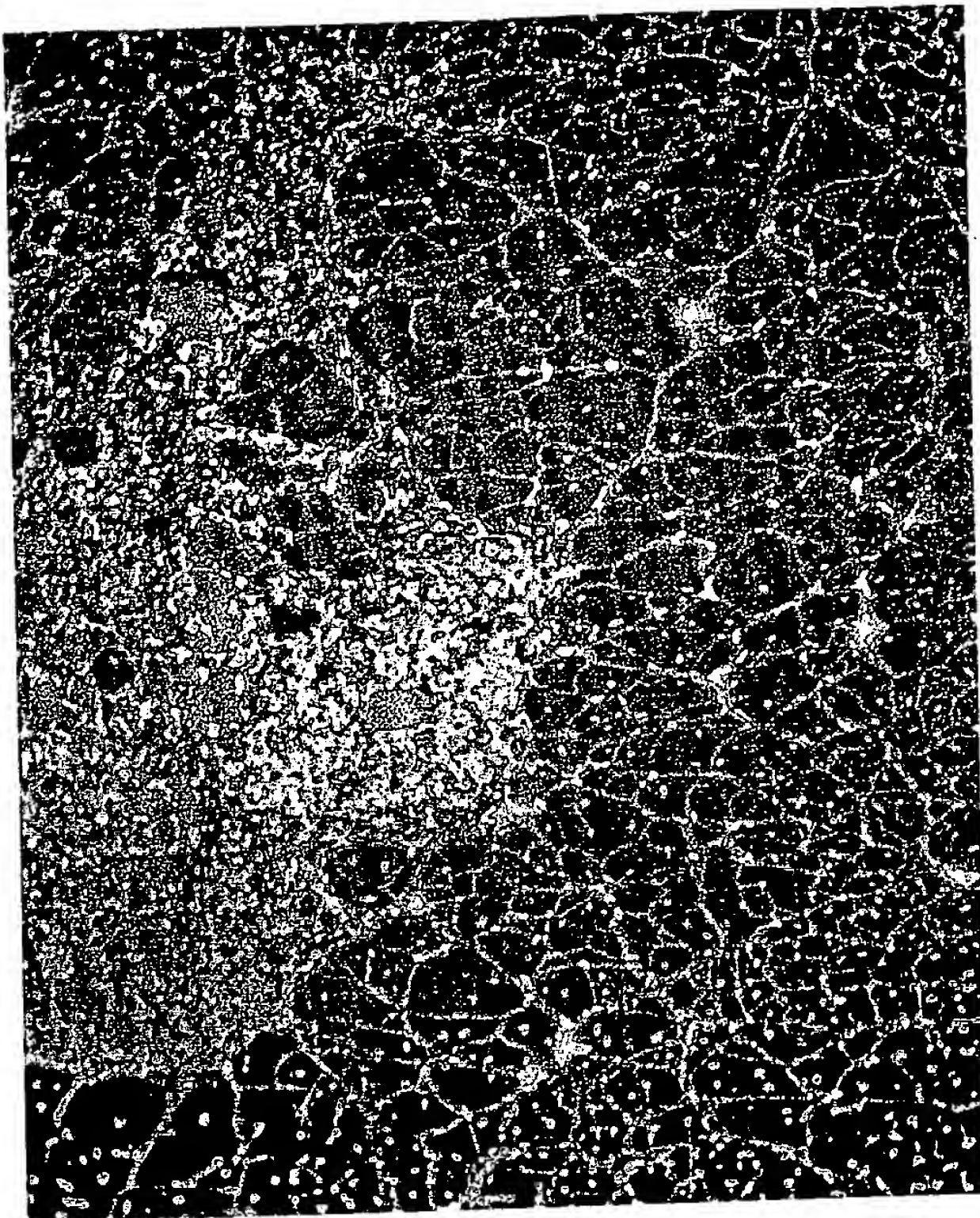
FIG. 4B



TOP OF SHEET

FIG. 5

Mdx + DysM3



Mdx + Δ2796

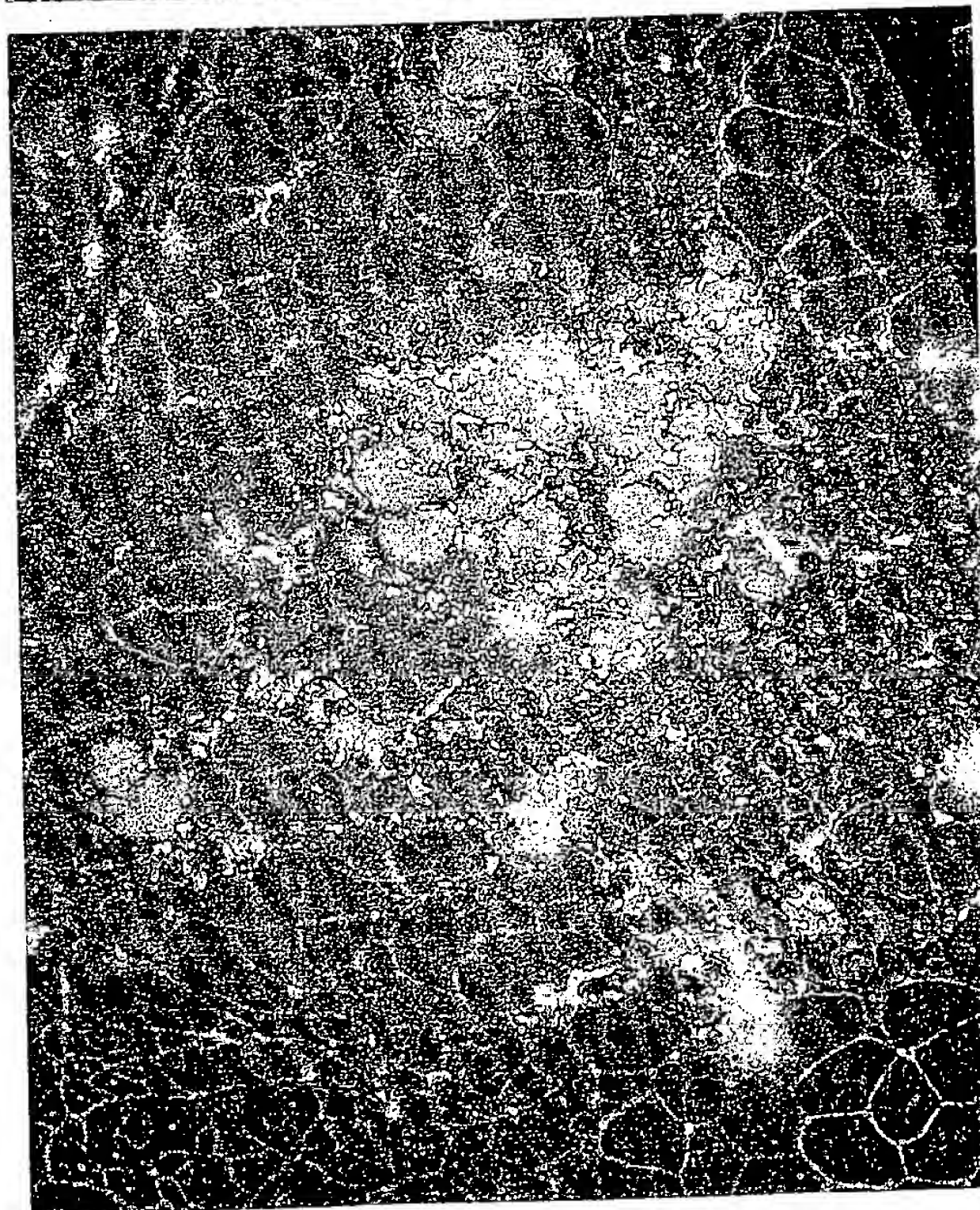


FIG. 6

Lengthening Activation

